

Combat Engineer Handbook

"This report discusses the Army's initial research into converting Force 21 Training Program (FXXITP) products to meet the increasingly pressing training needs of digital battle staffs. The report describes the activities and outcomes of the U.S. Research Institute for Behavioral and Social Sciences (ARI) Force 21 Training Program Digital (FXXITP-D) project. The project developed an approach that supports the conversion of existing training products in order to meet new training needs. During the project, the conversion approach was employed to research and enact conventional to digital conversions of selected FXXITP products, including the Battle Staff Training System (BSTS) and Combined Arms Operations at Brigade Level, Realistically Achieved Through Simulation (COBRAS) vignettes, Brigade Staff Exercise (BSE), and Brigade and Battalion Staff Exercise (BBSE). In addition to the conversion approach and prototype digital training products, the project identified a number of lessons for the continuing development of digital training and the digital force."--Stinet.

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Analytical methods are presented for determining the dynamic stability and control characteristics of generalized procedures which are considerably simplified through the extensive use of information presented in graphs and charts. These charts are applicable to flight conditions from hover to high forward speeds. The charts for low forward speeds were obtained from the rotor performance data based on classical rotor theory. However, the high-speed charts exclude the major assumptions of classical theory and include blade compressibility, stall, reverse flow, large inflow ratios, etc. The handbook contains information suitable for extensive digital and analog computer studies and also provides rapid procedures for predicting helicopter stability and control characteristics for preliminary design applications. (Author). George Patton is renowned for his daring tank thrusts and rapid movement, but the many rivers and obstacles his Third Army encountered crossing Europe required engineers spearheading his advance. A Combat Engineer with Patton's Army is the untold story of Frank Lembo, one of Patton's men who helped move the American command in the battle of Argentan in the Normandy Campaign, in the high-speed pursuit of the German Wehrmacht eastward across France, and in the brutal battles waged during the Battle of the Bulge and during the final combats along the borders of the collapsing Reich. Throughout his time in Europe Lembo maintained a running commentary of his experiences with Betty Craig, his fiancé and future wife. This extensive correspondence provides a unique eyewitness view of the life and work of a combat engineer under wartime conditions. As a squad (and later platoon) leader, Frank and his comrades cleared mines, conducted reconnaissance behind enemy lines, built bridges, and performed other tasks necessary to support the movement of the 317th, 318th, and 319th Infantry Regiments of the Blue Ridge Division—Patton's workhorses, if not his glamour boys. Frank wrote about the deadly river crossings at the Moselle, Seille, and Sauer, all under enemy fire, and of the frustrating pauses when supplies were diverted. He participated in the mid-December sprint to Luxembourg and the relief provided at Bastogne during the Bulge, the liberation of concentration camps once Third Army had charged into Germany, and of their occupation duty in Bavaria. Frank's letters go beyond his direct combat experiences to include the camaraderie among the GIs, living conditions, weather, and the hijinks that helped keep the constant threat of death at

bay. His letters also worked to reassure Betty with hopeful dreams for their future together. Including dozens of previously unpublished photographs, *A Combat Engineer with Patton's Army: The Fight Across Europe with the 80th "Blue Ridge" Division in World War II* offers the rare perspective of what day-to-day warfare at the ground-level looked like in the European Theater through the eyes of one of the men spearheading the advance.

This book is the perfect guide for anyone interested in joining the French Foreign Legion. Do you meet the entry requirements? What needs special attention? Will you be able to get out of the contract? Do you have to speak French? How fit do you really have to be? Are tattoos or glasses a problem? How can I prepare physically, etc.? All the answers meet the latest standards. - I advise no one to join the French Foreign Legion on the assumption of glamour or glory - the Author says: Destiny is no matter of chance. It is a matter of choice. It is not a thing to be waited for, it is a thing to be achieved. (William Jennings Bryan).

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